AS-I SLIMLINE COMPACT SC22.5

Product Data Sheet

3RK1207-0CE00-2AA2

AS Interface analog input module

ANALOG INPUT CHANNELS	SELECTABLE CURRENT RANGES	SELECTABLE VOLTAGE RANGES	ANALOG CONVERSION RESOLUTION
Four	**4...20 mA and +/-20 mA**	**1...5 V and +/-10 V**	**16 bit**

Siemens 3RK1207-0CE00-2AA2 is an AS-i SlimLine Compact SC22.5 analog input module with four configurable current or voltage channels. Its supported ranges are 4...20 mA, +/-20 mA, 1...5 V and +/-10 V, with 16-bit analog conversion.

01 TECHNICAL DATA

Analog input channels	Four
Selectable current ranges	4...20 mA and +/-20 mA
Selectable voltage ranges	1...5 V and +/-10 V
Analog conversion resolution	16 bit
Slave profile	S-7.3.E, standard slave
AS-i operating voltage	18...31.6 V
Maximum AS-i current at 30 V	200 mA
Maximum Power24V current	250 mA at 24 V
External auxiliary supply	20...30 V DC PELV
Sensor supply from AS-i	46 mA total

02 ADDITIONAL PRODUCT DATA

Sensor supply from AUX	500 mA total at 40 degrees C
Frequency suppression settings	50/60 Hz
Operational full-scale error	+/-1%
Basic full-scale error at 25 C	+/-0.7%
Operating temperature	-25...+70 degrees C

03 PRODUCT FUNCTION

The standard AS-i slave uses profile S-7.3.E and supports Power24V. Sensor power may come from AS-i or an external auxiliary source, with different current budgets; the 22.5 mm-wide IP20 module uses screw terminals and front-socket addressing.

04 SYSTEM COMPATIBILITY

Connect sensors using the supported two- or four-wire arrangement and select the sensor-supply source. The combined budget is 46 mA from AS-i or 500 mA from Uaux at 40 degrees C; use a compliant 20...30 V DC PELV auxiliary source where required.

05 REFERENCE

Siemens 3RK1207-0CE00-2AA2 product data sheet, 17 April 2025; official pages 1-4 only, distributor page excluded

AMIKON PRODUCT SUPPORT
+86-18020776786 INFO@AMIKON.CN AMIKONG.COM